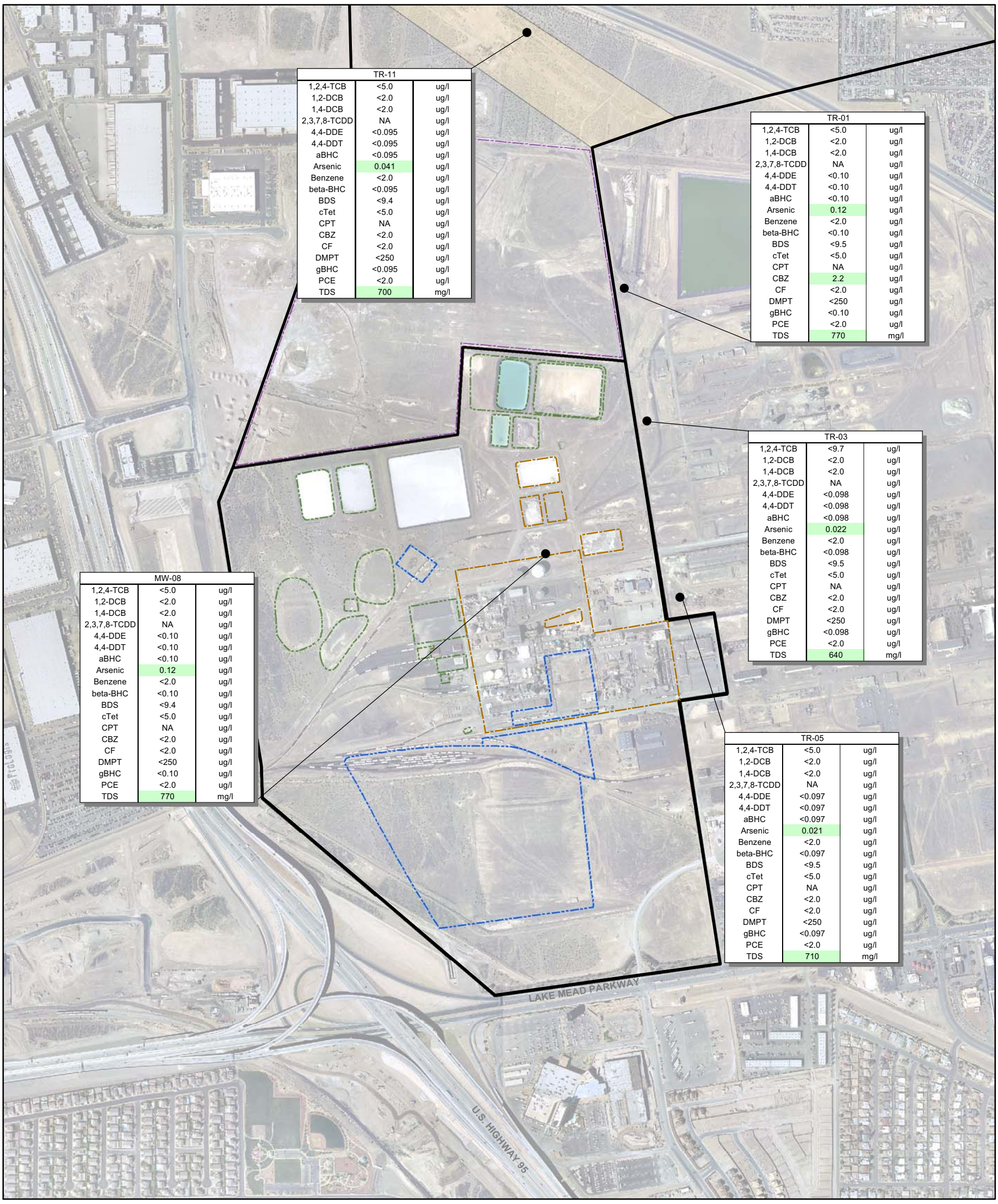

TR-11		
1,2,4-TCB	<5.0	ug/l
1,2-DCB	<2.0	ug/l
1,4-DCB	<2.0	ug/l
2,3,7,8-TCDD	NA	ug/l
4,4-DDE	<0.095	ug/l
4,4-DDT	<0.095	ug/l
aBHC	<0.095	ug/l
Arsenic	0.041	ug/l
Benzene	<2.0	ug/l
beta-BHC	<0.095	ug/l
BDS	<9.4	ug/l
cTet	<5.0	ug/l
CPT	NA	ug/l
CBZ	<2.0	ug/l
CF	<2.0	ug/l
DMPT	<250	ug/l
gBHC	<0.095	ug/l
PCE	<2.0	ug/l
TDS	700	mg/l

TR-01		
1,2,4-TCB	<5.0	ug/l
1,2-DCB	<2.0	ug/l
1,4-DCB	<2.0	ug/l
2,3,7,8-TCDD	NA	ug/l
4,4-DDE	<0.10	ug/l
4,4-DDT	<0.10	ug/l
aBHC	<0.10	ug/l
Arsenic	0.12	ug/l
Benzene	<2.0	ug/l
beta-BHC	<0.10	ug/l
BDS	<9.5	ug/l
cTet	<5.0	ug/l
CPT	NA	ug/l
CBZ	2.2	ug/l
CF	<2.0	ug/l
DMPT	<250	ug/l
gBHC	<0.10	ug/l
PCE	<2.0	ug/l
TDS	770	mg/l

TR-03		
1,2,4-TCB	<9.7	ug/l
1,2-DCB	<2.0	ug/l
1,4-DCB	<2.0	ug/l
2,3,7,8-TCDD	NA	ug/l
4,4-DDE	<0.098	ug/l
4,4-DDT	<0.098	ug/l
aBHC	<0.098	ug/l
Arsenic	0.022	ug/l
Benzene	<2.0	ug/l
beta-BHC	<0.098	ug/l
BDS	<9.5	ug/l
cTet	<5.0	ug/l
CPT	NA	ug/l
CBZ	<2.0	ug/l
CF	<2.0	ug/l
DMPT	<250	ug/l
gBHC	<0.098	ug/l
PCE	<2.0	ug/l
TDS	640	mg/l

MW-08		
1,2,4-TCB	<5.0	ug/l
1,2-DCB	<2.0	ug/l
1,4-DCB	<2.0	ug/l
2,3,7,8-TCDD	NA	ug/l
4,4-DDE	<0.10	ug/l
4,4-DDT	<0.10	ug/l
aBHC	<0.10	ug/l
Arsenic	0.12	ug/l
Benzene	<2.0	ug/l
beta-BHC	<0.10	ug/l
BDS	<9.4	ug/l
cTet	<5.0	ug/l
CPT	NA	ug/l
CBZ	<2.0	ug/l
CF	<2.0	ug/l
DMPT	<250	ug/l
gBHC	<0.10	ug/l
PCE	<2.0	ug/l
TDS	770	mg/l

TR-05		
1,2,4-TCB	<5.0	ug/l
1,2-DCB	<2.0	ug/l
1,4-DCB	<2.0	ug/l
2,3,7,8-TCDD	NA	ug/l
4,4-DDE	<0.097	ug/l
4,4-DDT	<0.097	ug/l
aBHC	<0.097	ug/l
Arsenic	0.021	ug/l
Benzene	<2.0	ug/l
beta-BHC	<0.097	ug/l
BDS	<9.5	ug/l
cTet	<5.0	ug/l
CPT	NA	ug/l
CBZ	<2.0	ug/l
CF	<2.0	ug/l
DMPT	<250	ug/l
gBHC	<0.097	ug/l
PCE	<2.0	ug/l
TDS	710	mg/l

EXPLANATION

- Coarse-Grained Upper Muddy Creek Formation Monitor Well
- Pioneer Operation Area
- Montrose Site Assessment Area Boundary
- Stauffer/Pioneer Phase II LOU Study Item
- Basic Remediation Company Proposed Corrective Action Management Unit (CAMU)

U.S. EPA Region IX Maximum Contaminant Level (MCL)		
1,2,4-TCB	70	ug/l
1,2-DCB	600	ug/l
1,4-DCB	75	ug/l
2,3,7,8-TCDD	0.00003	ug/l
4,4-DDE	NE	
4,4-DDT	NE	
aBHC	NE	
Arsenic	10	ug/l
Benzene	5	ug/l
beta-BHC	NE	
BDS	NE	
cTet	5	ug/l
CPT	NE	
CBZ	100	ug/l
CF	80	ug/l
DMPT	NE	
gBHC	0.2	ug/l
PCE	5	ug/l
TDS	500*	mg/l

* = Secondary Contaminant Level
22 = Concentration is above the MCL
22 = Concentration is above the MRL but below the MCL, or above the MRL for compounds with no MCL

NOTES

Data displayed generally includes the most recent data available as of the date of the report. This figure may not display the maximum concentration detected for a particular compound for the particular well's period of record. Refer to Appendix E for complete data sets fro each individual well.

1,2,4-TCB = 1,2,4-Trichlorobenzene
1,2-DCB = 1,2-Dichlorobenzene
1,4-DCB = 1,4-Dichlorobenzene
2,3,7,8-TCDD = 2,3,7,8-Tetrachlorodibenzo-p-Dioxin
4,4-DDE = 1,1-Dichloro-2,2-bis(4-chlorophenyl)ethene
4,4-DDT = 1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane
aBHC = alpha-BHC
BDS = bis(4-Chlorophenyl) disulfide
cTet = Carbon tetrachloride
CPT = Carbophenothion
CBZ = Chlorobenzene
CF = Chloroform
DMPT = Dimethyl phosphorodithioic acid
gBHC = gamma-BHC
PCE = Tetrachloroethene
TDS = Total Dissolved Solids
ug/l = micrograms per liter
mg/l = milligrams per liter
LOU = Letter of Understanding

NA = Not analyzed
NE = Not Established
MRL = Method Reporting Limit
J = Estimated value
J+ = Estimated value, with a high bias likely to occur
J- = Estimated value, with a low bias likely to occur
B = Analyte found in sample at less than five times the amount found in associated blank. Result is considered non-detect
U = Indicated the compound or analyte was analyzed for but not detected at or above the stated limit
UJ = Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value

N

0 400 800 Feet

CONCEPTUAL SITE MODEL
FORMER MONTROSE AND STAUFFER FACILITIES
HENDERSON, NEVADA

COARSE-GRAINED UPPER MUDDY CREEK FORMATION GROUNDWATER QUALITY

HARGIS+ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

FIGURE 4-6B

PREP BY: JWM REV BY: MRL	DATE: 7/16/2008 FILE: 4-6B CSM-GW-UMCc.mxd	PROJECT: 754.27